



#6

SEQUENCE LISTING

<110> DRUCKER, DANIEL J.  
LOVSHIN, JULIE

<120> GLP-2 RECEPTOR GENE PROMOTER AND USES THEREOF

<130> 016777/0463

<140> 09/833,740

<141> 2001-04-13

<150> 60/196,909

<151> 2000-04-13

<150> 60/265,310

<151> 2001-02-01

<160> 18

<170> PatentIn Ver. 2.1

<210> 1

<211> 2170

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Recombinant  
DNA expression construct

<400> 1

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gtgcgtaaga atagaatcct cggaatggta accatgtctt gctttttctt ctgggcttgc 1500
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<210> 2  
 <211> 341  
 <212> DNA  
 <213> Mus sp.

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<400> 2
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gcccgcaggt gccagtaga tgcagagagc gtccctgccc cgggcgcaca gtwgggctcc 180
ctgcggccca ggggcctgag tctctccack cccacgggat gcgtcggctc tggggccctg 240
ggacgccctt cctctccctg cttctgctgg tttccatcaa gcaagtaaga acagattttt 300
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<210> 3  
 <211> 350  
 <212> DNA  
 <213> Rattus sp.

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gcccgcaggt gccagtaga tgcagagagg caccctgccc ccgagtgagg gcacagccag 180
tgggcatccc tgaggcccag ggccccgttc ctctccactc ccaacagatg cgtctgctgt 240
ggggccctgg gaggcccttc ctgcacctgc ttctgctggt ttccatcaag caagttacag 300
gatcgctcct caaggagaca actcagaagt gcgctaatta taaggagaag                                     350

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<210> 4  
 <211> 230  
 <212> DNA  
 <213> Rattus sp.

<220>  
 <221> CDS  
 <222> (105) .. (230)

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Met Arg Pro Gln

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cca agc ccg gca gtg ccc agt aga tgc aga gag gca ccc gtg ccc cga 164  
 Pro Ser Pro Ala Val Pro Ser Arg Cys Arg Glu Ala Pro Val Pro Arg  
           5                  10                  15                  20

gtg agg gca cag cca gtg ggc atc cct gag gcc cag ggg ccc gtt cct 212  
 Val Arg Ala Gln Pro Val Gly Ile Pro Glu Ala Gln Gly Pro Val Pro  
                   25                  30                  35

ctc cac tcc caa cag atg 230  
 Leu His Ser Gln Gln Met  
                   40

<210> 5  
 <211> 42  
 <212> PRT  
 <213> Rattus sp.

<400> 5  
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Pro Val Pro Arg Val Arg Ala Gln Pro Val Gly Ile Pro Glu Ala Gln  
                   20                  25                  30

Gly Pro Val Pro Leu His Ser Gln Gln Met  
           35                  40

<210> 6  
 <211> 493  
 <212> DNA  
 <213> Mus sp.

<220>  
 <221> CDS  
 <222> (401) .. (466)

<400> 6  
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 gagattcggt agatcgctgt agagcaactc agacagtcgg cggcctgaag aggacttggt 180  
 caaacacttc ctctctggac aaggaggaat gcaggaggcc accgcctgca gtacatcttg 240  
 gagtggttga gggatgtgcc tgcacttggt aaagggcgcc agaaggacga ggccccaacc 300  
 aagcccgga gtgccagta gatgcagaga gcgtccctgc cccgggcgca cagtwgggct 360  
 ccctgcggcc caggggcctg agtctctcca ckccacggg atg cgt cgg ctc tgg 415  
   Met Arg Arg Leu Trp  
   1                  5

ggc cct ggg acg ccc ttc ctc tcc ctg ctt ctg ctg gtt tcc atc aag 463  
 Gly Pro Gly Thr Pro Phe Leu Ser Leu Leu Leu Val Ser Ile Lys  
                   10                  15                  20

caa gtaagaacag attttttattc ctcattc  
Gln

493

<210> 7  
<211> 527  
<212> DNA  
<213> Homo sapiens

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tccacaggaa gtgctctctc tgggcccctg ggaggccctt cctcactctg gtctgctgg 480  
tttccatcaa gcaagtaaga gcagttcatt attattatta ttatcag 527

<210> 8  
<211> 293  
<212> DNA  
<213> Rattus sp.

<400> 8  
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gccccgcagt gccagtaga tgcagagagg caccgcgtgc ccgagtgagg gcacagccag 180  
tgggcatccc tgaggcccag gggcccgttc ctctccactc ccaacagatg cgtctgctgt 240  
ggggcccctg gaggcccttc ctgcacctgc ttctgctggt ttccatcaag caa 293

<210> 9  
<211> 22  
<212> PRT  
<213> Mus sp.

<400> 9  
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1 5 10 15

Leu Val Ser Ile Lys Gln  
20

<210> 10  
<211> 21  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Primer

<400> 10  
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21

<210> 11  
 <211> 24  
 <212> DNA  
 <213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

<400> 11  
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<210> 12  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 12  
 ctgctggttt ccatcaagca a 21

<210> 13  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

<400> 13  
 tagatctcac tctcttccag a 21

<210> 14  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence

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<223> Description of Artificial Sequence: Primer

<400> 14  
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<210> 15  
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 <212> DNA  
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer

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<210> 16  
<211> 21  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: Primer

<400> 16  
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<210> 17  
<211> 21  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: Primer

<400> 17  
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<210> 18  
<211> 21  
<212> DNA  
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<220>  
<223> Description of Artificial Sequence: Primer

<400> 18  
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